TOTE50 1062860

FIGURE 1
(PRIOR ART)

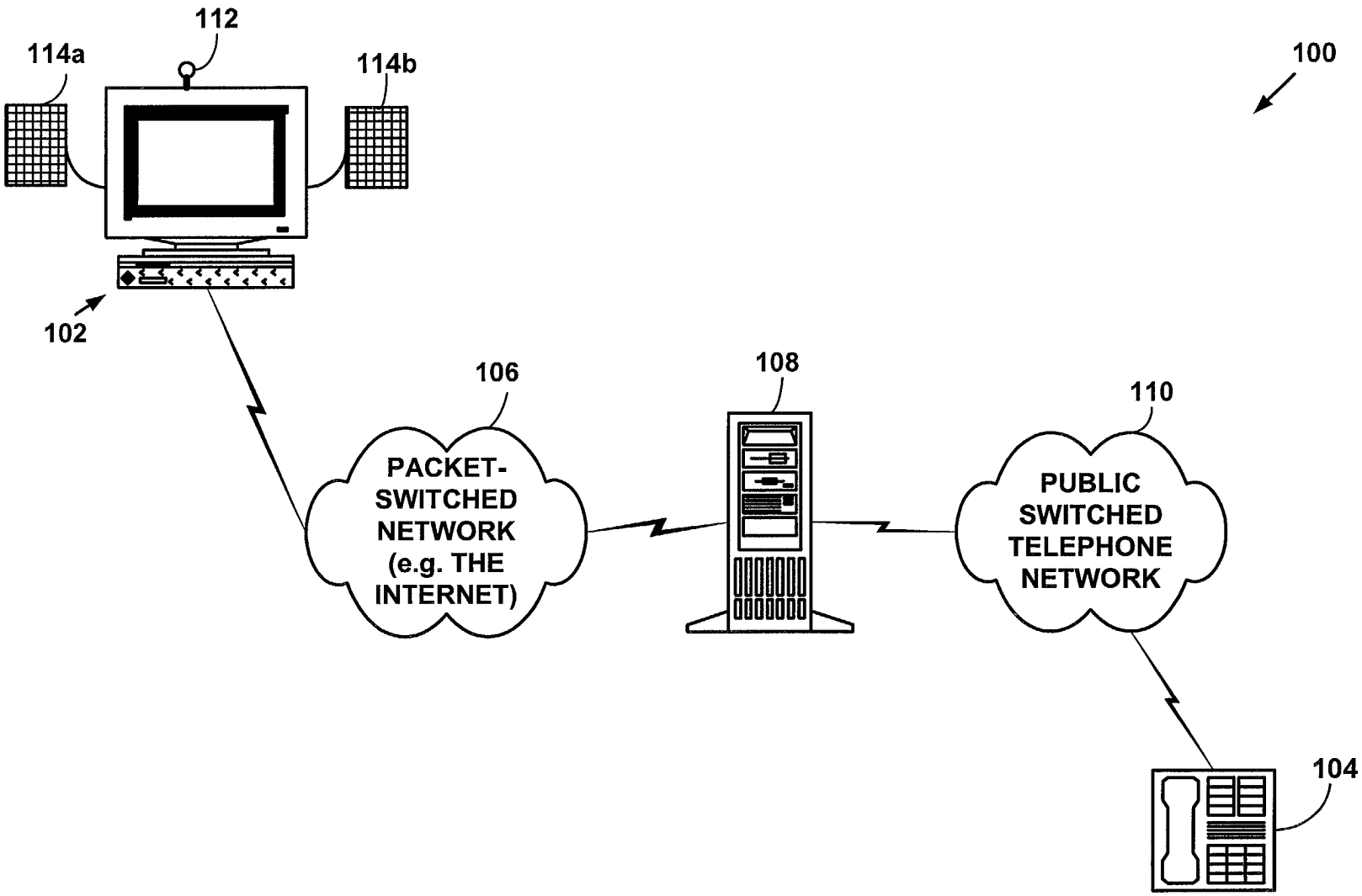

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FIGURE 2

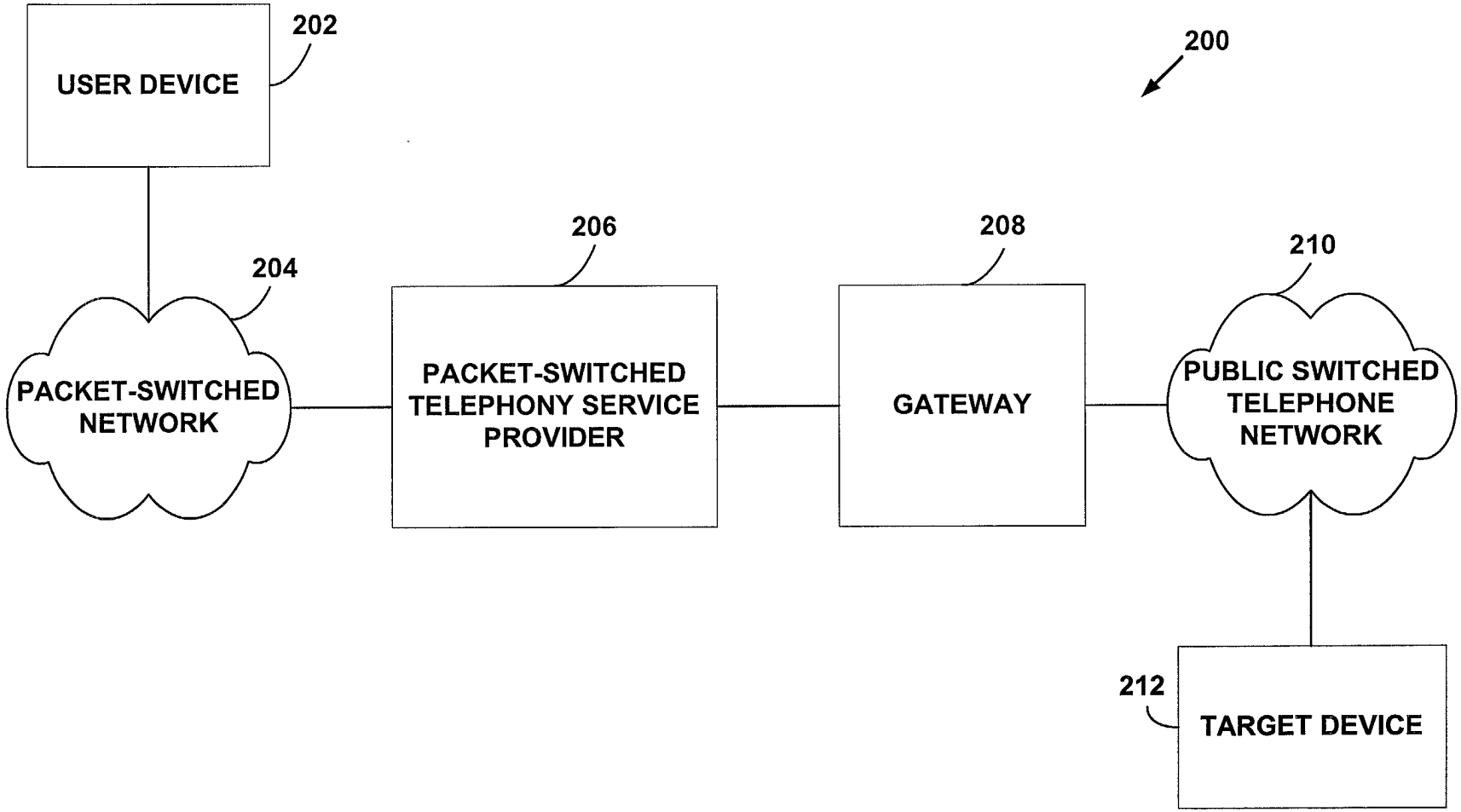

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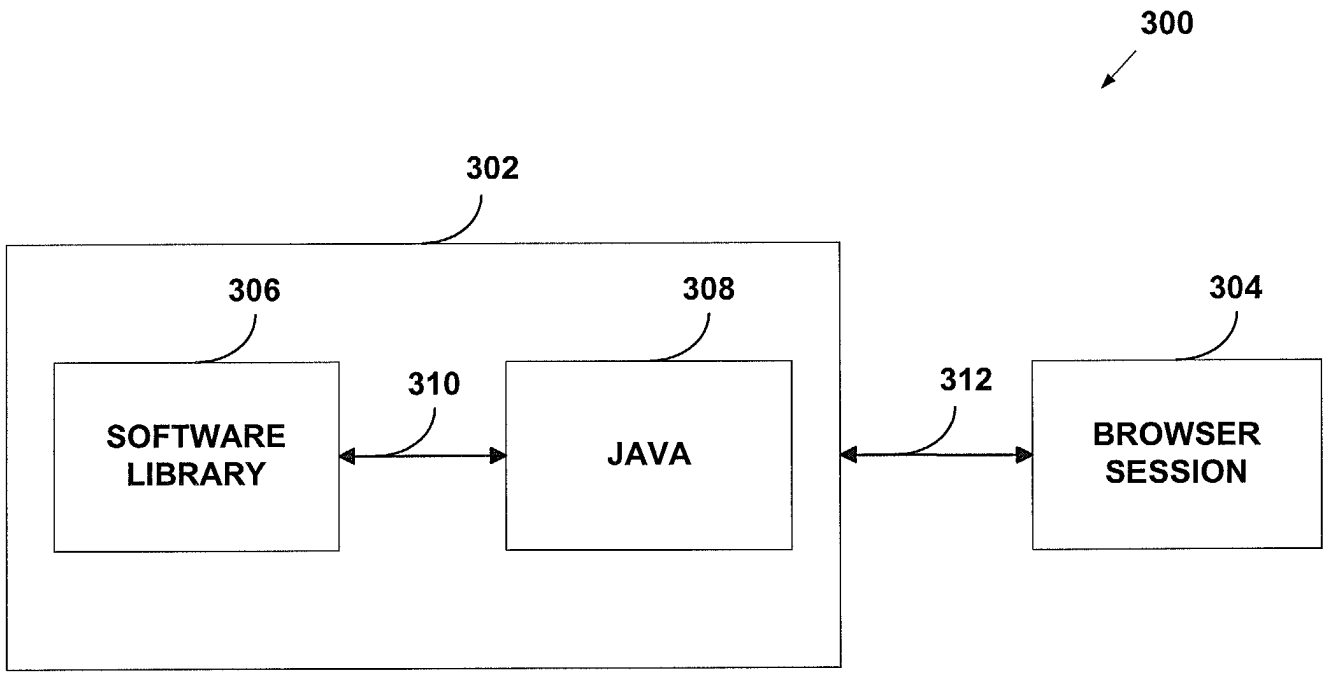
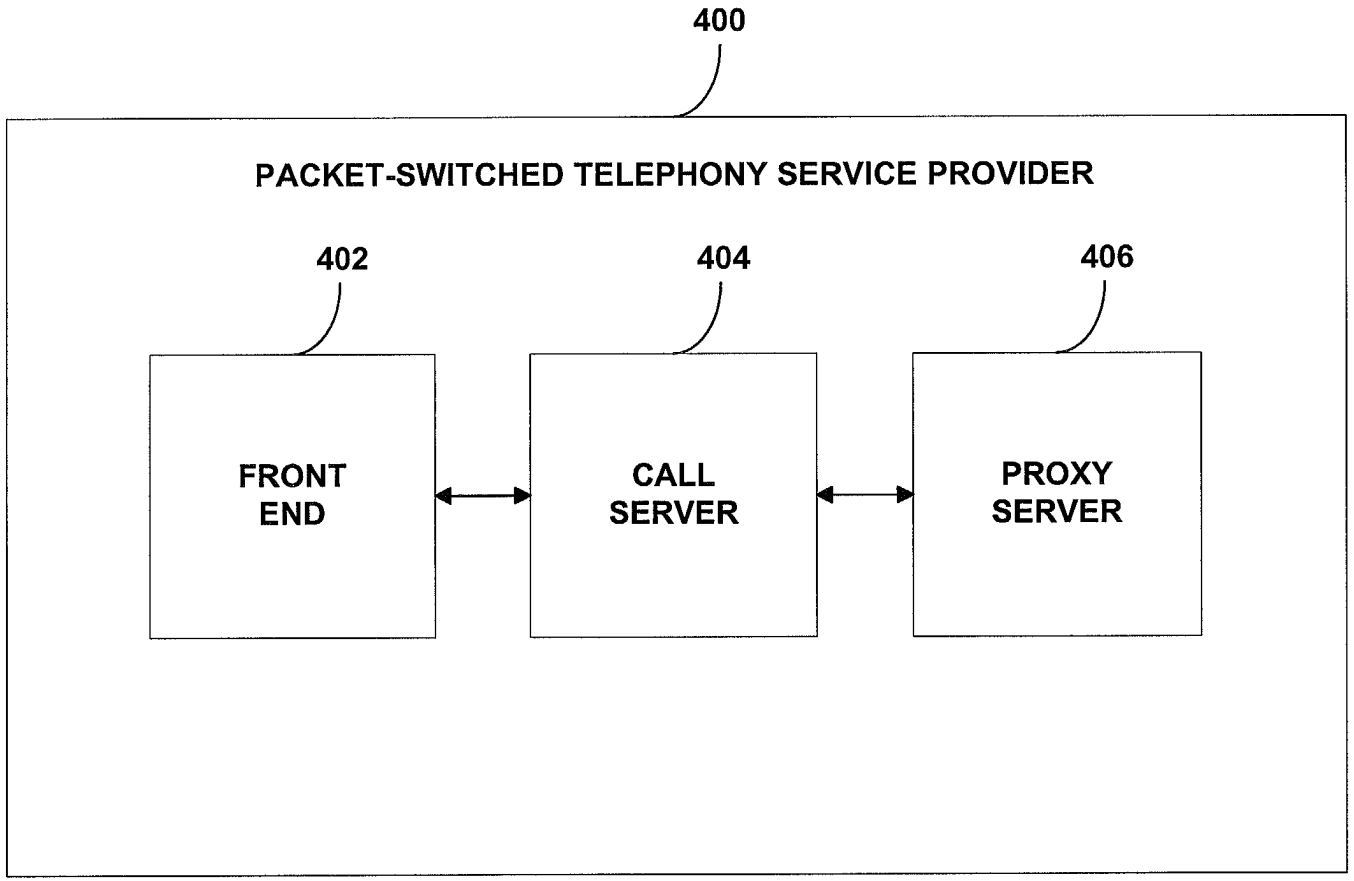
FIGURE 3



TOTESO "H0632360

FIGURE 4



TOTE50 "h0624860

FIGURE 5

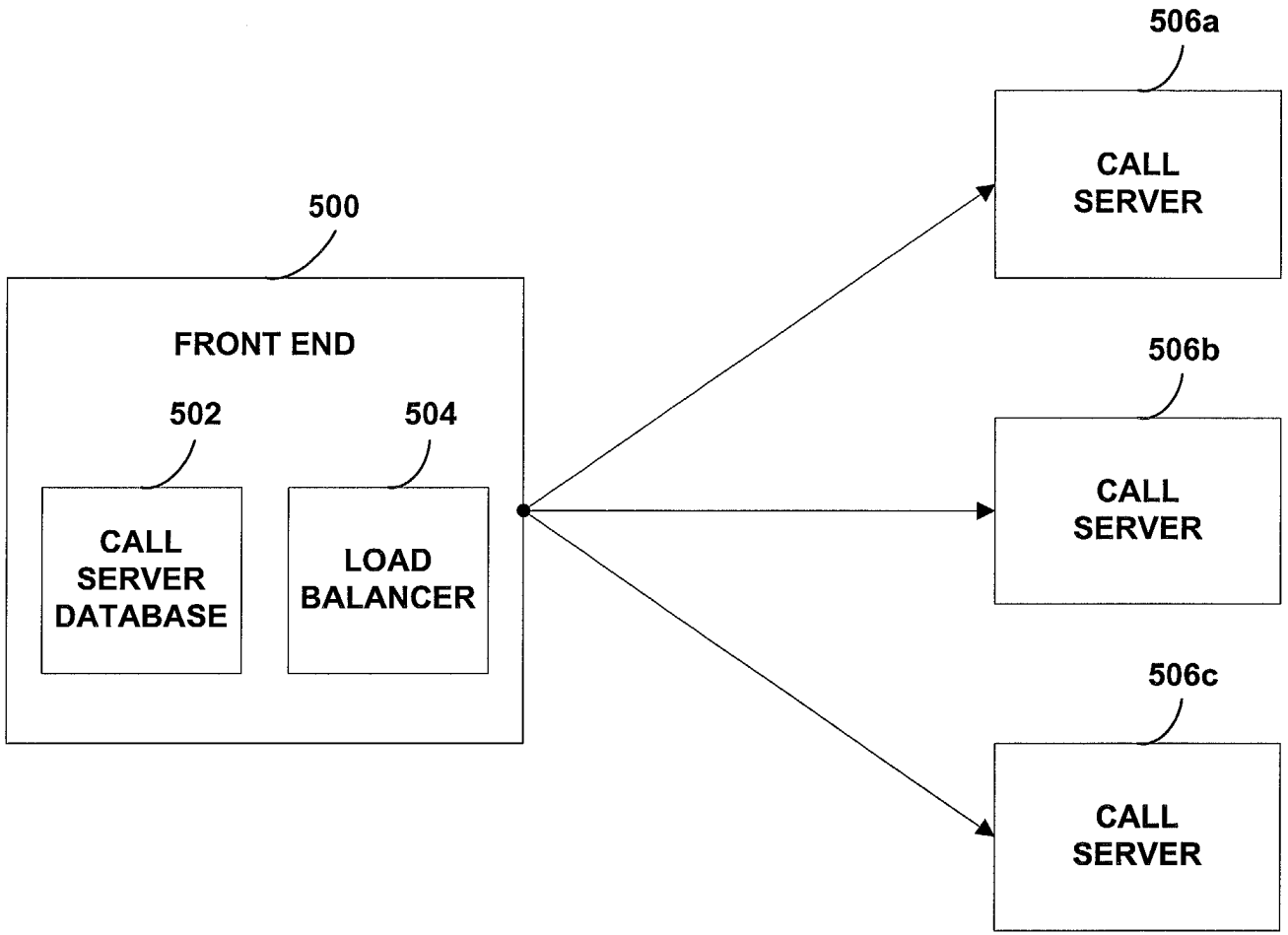


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FIGURE 6

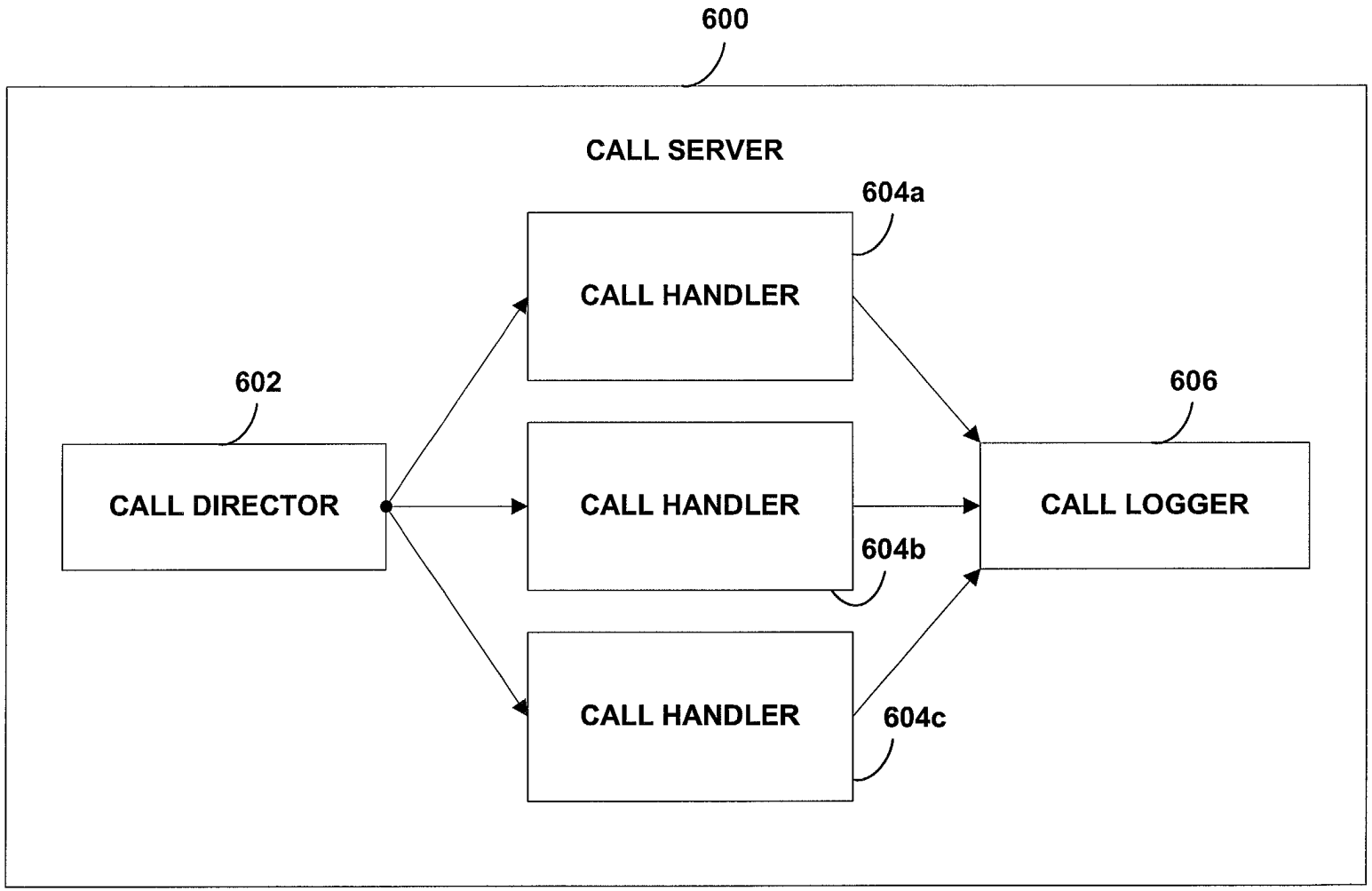

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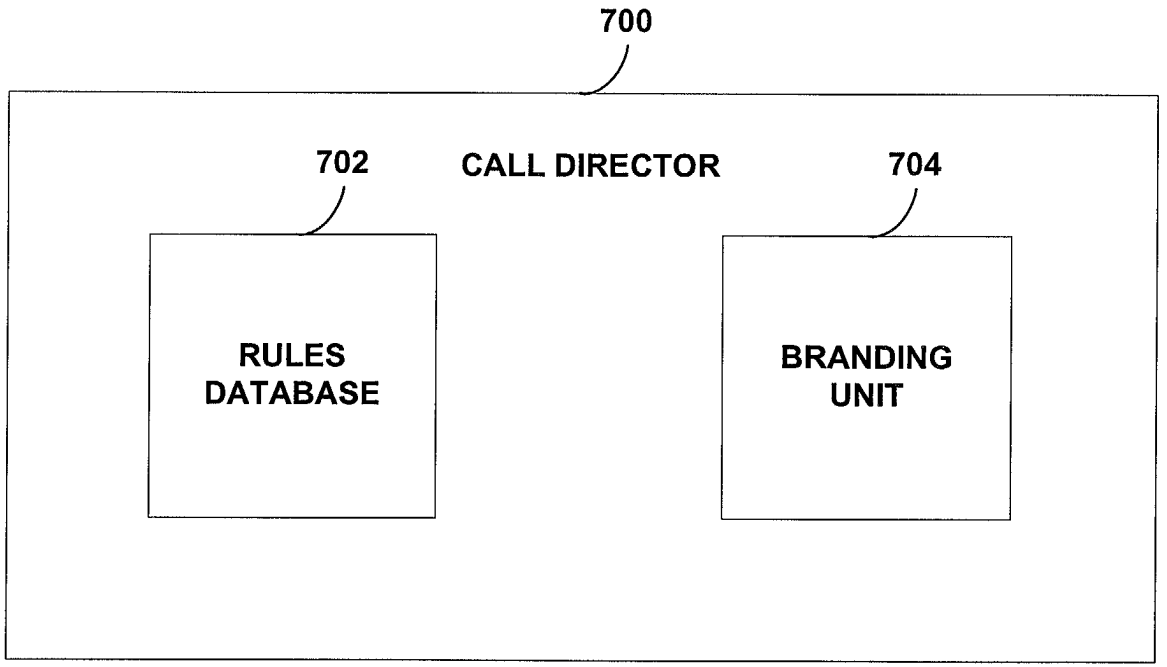
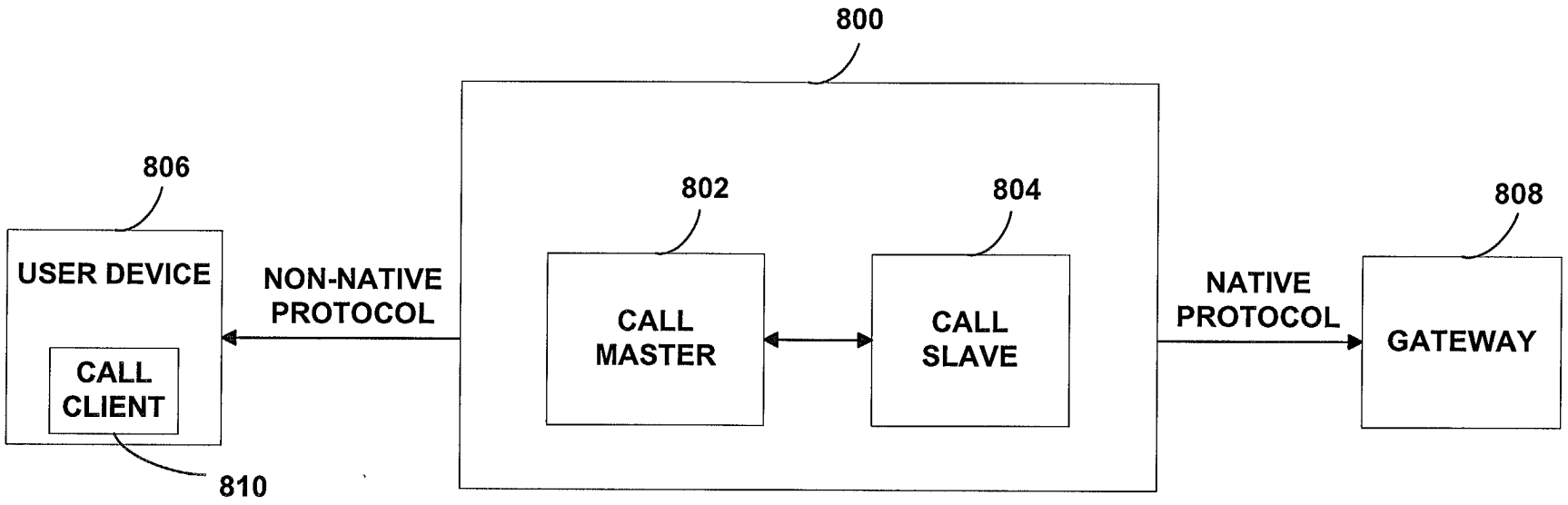
FIGURE 7



TOTEGO "WO624860

FIGURE 8



TOTE50 "h0627860

FIGURE 9

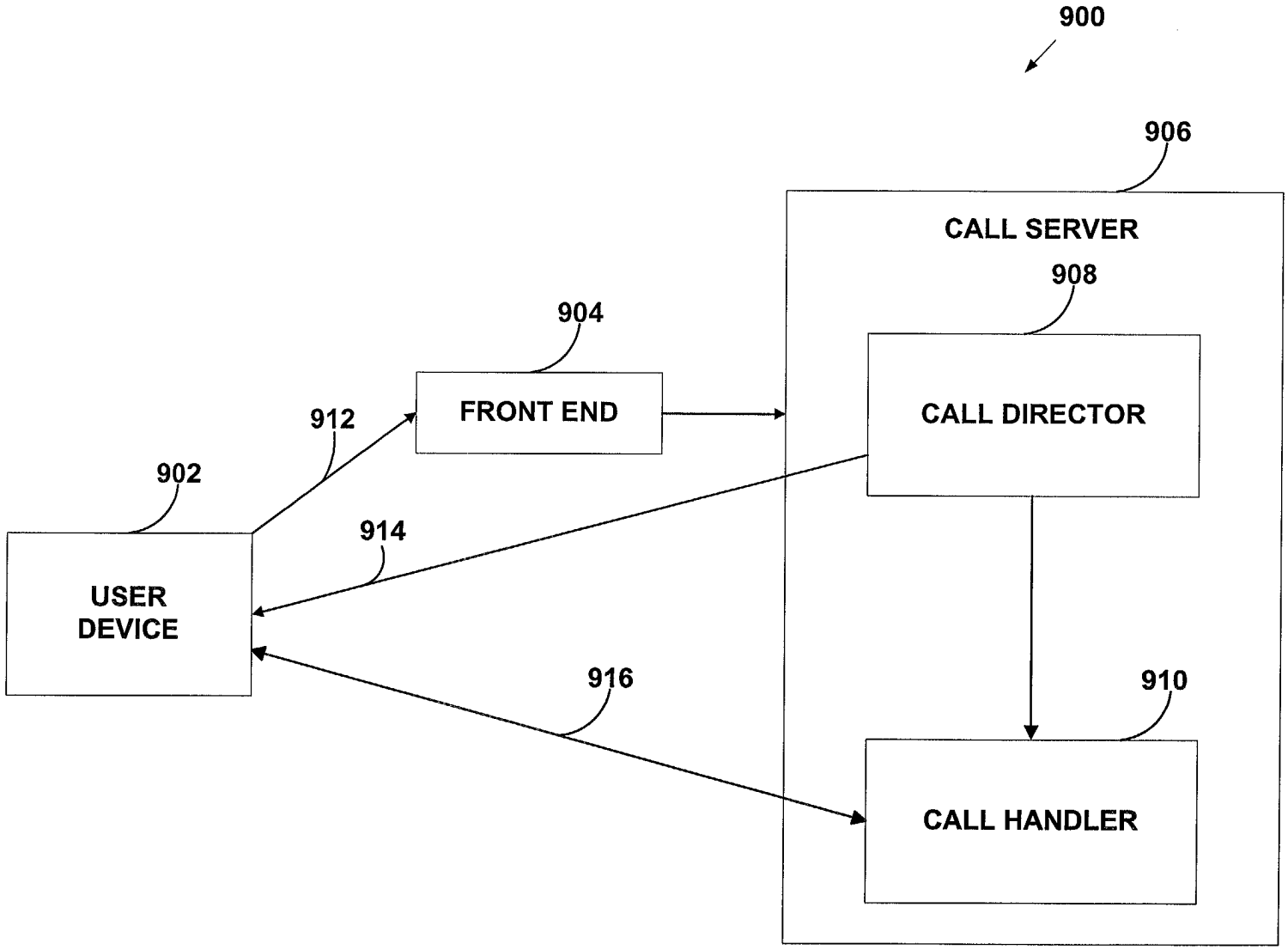
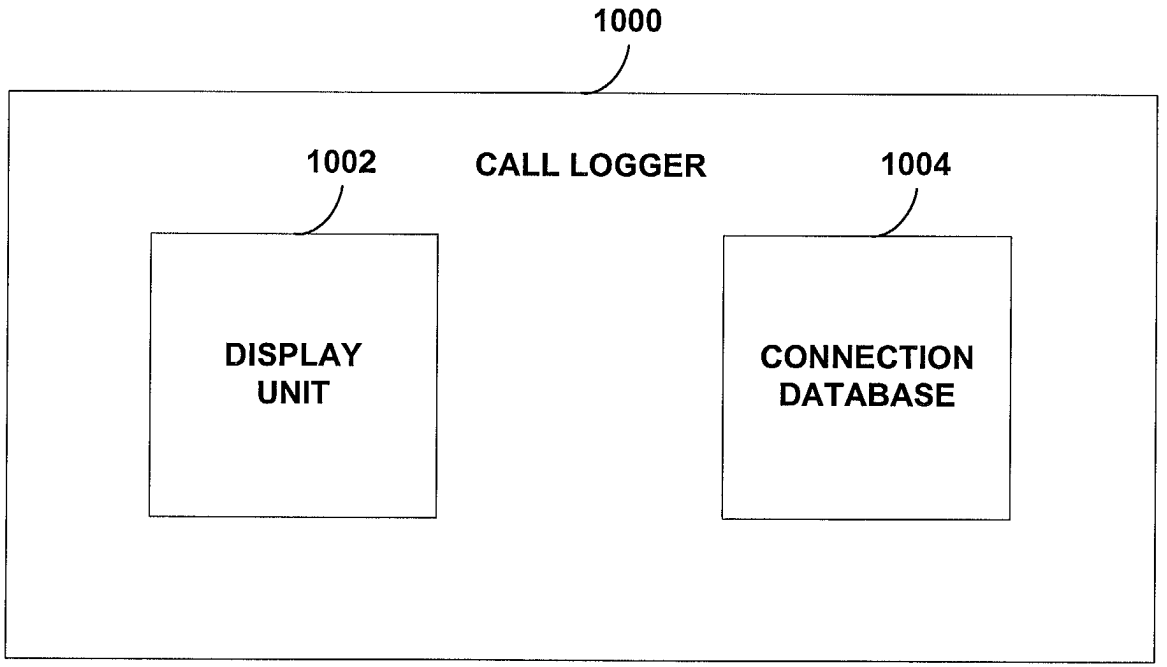


FIGURE 10


1000
1002
CALL LOGGER
1004
DISPLAY UNIT
CONNECTION DATABASE

TOTESO "4062786D

FIGURE 11

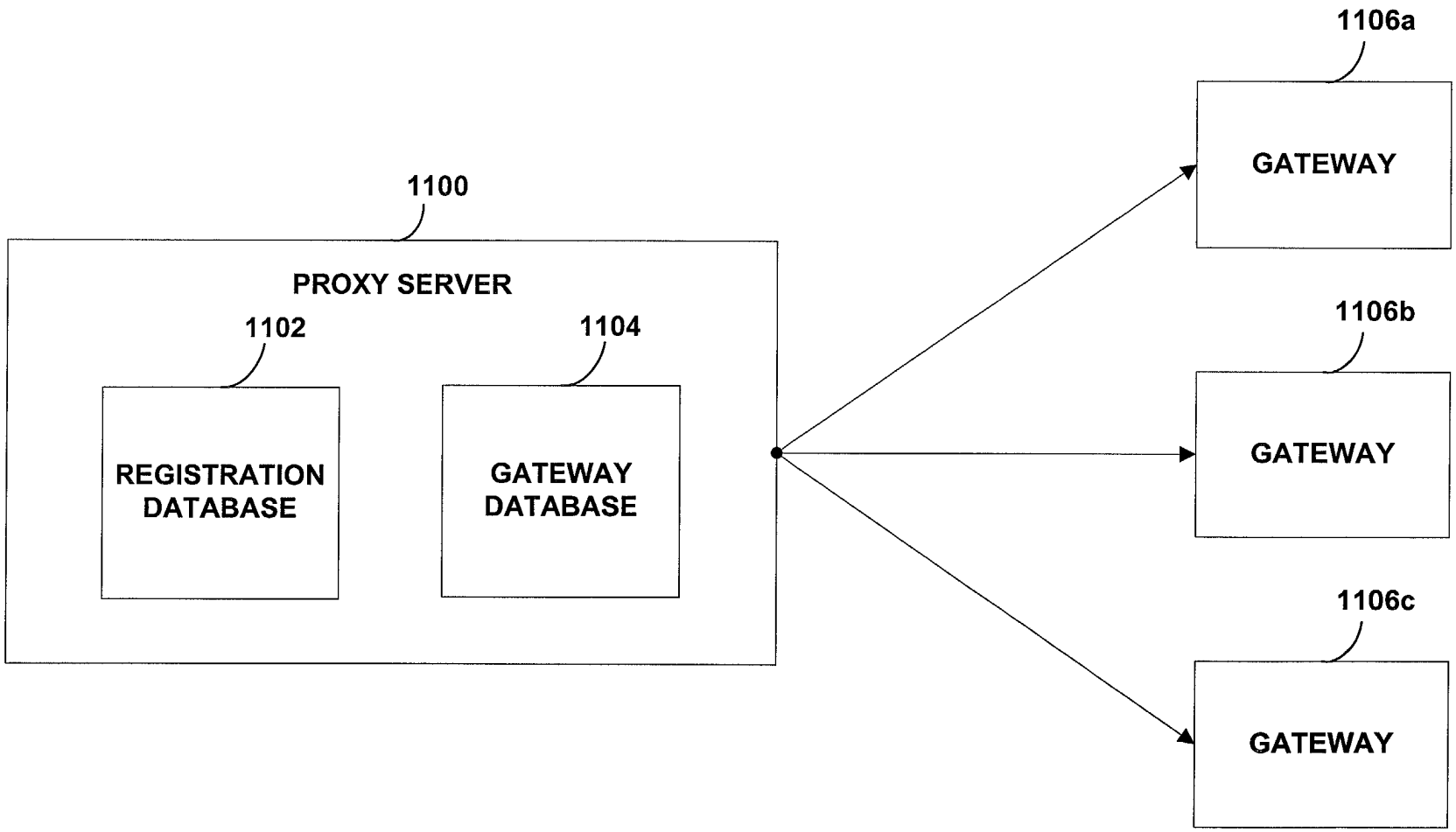
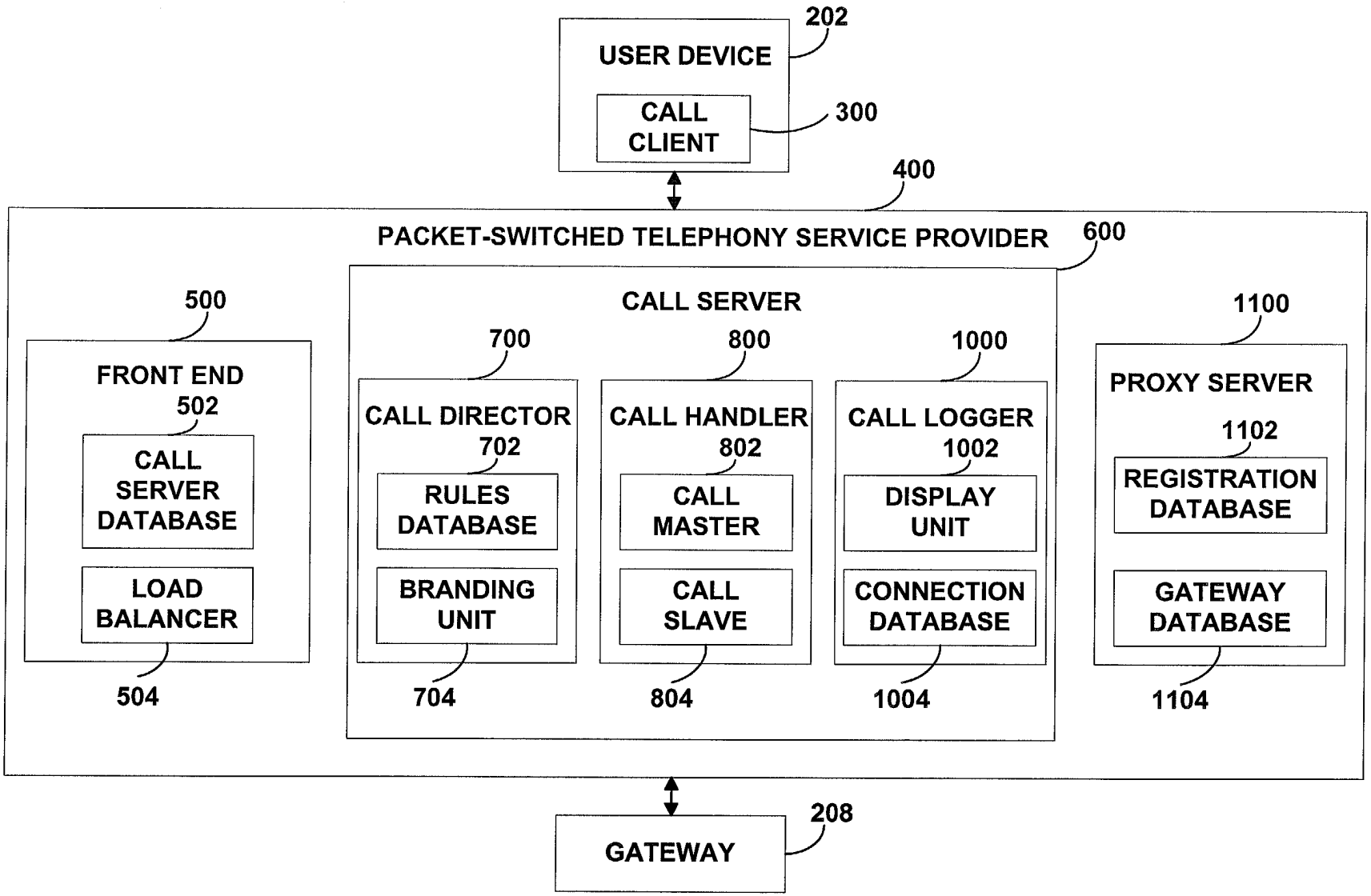
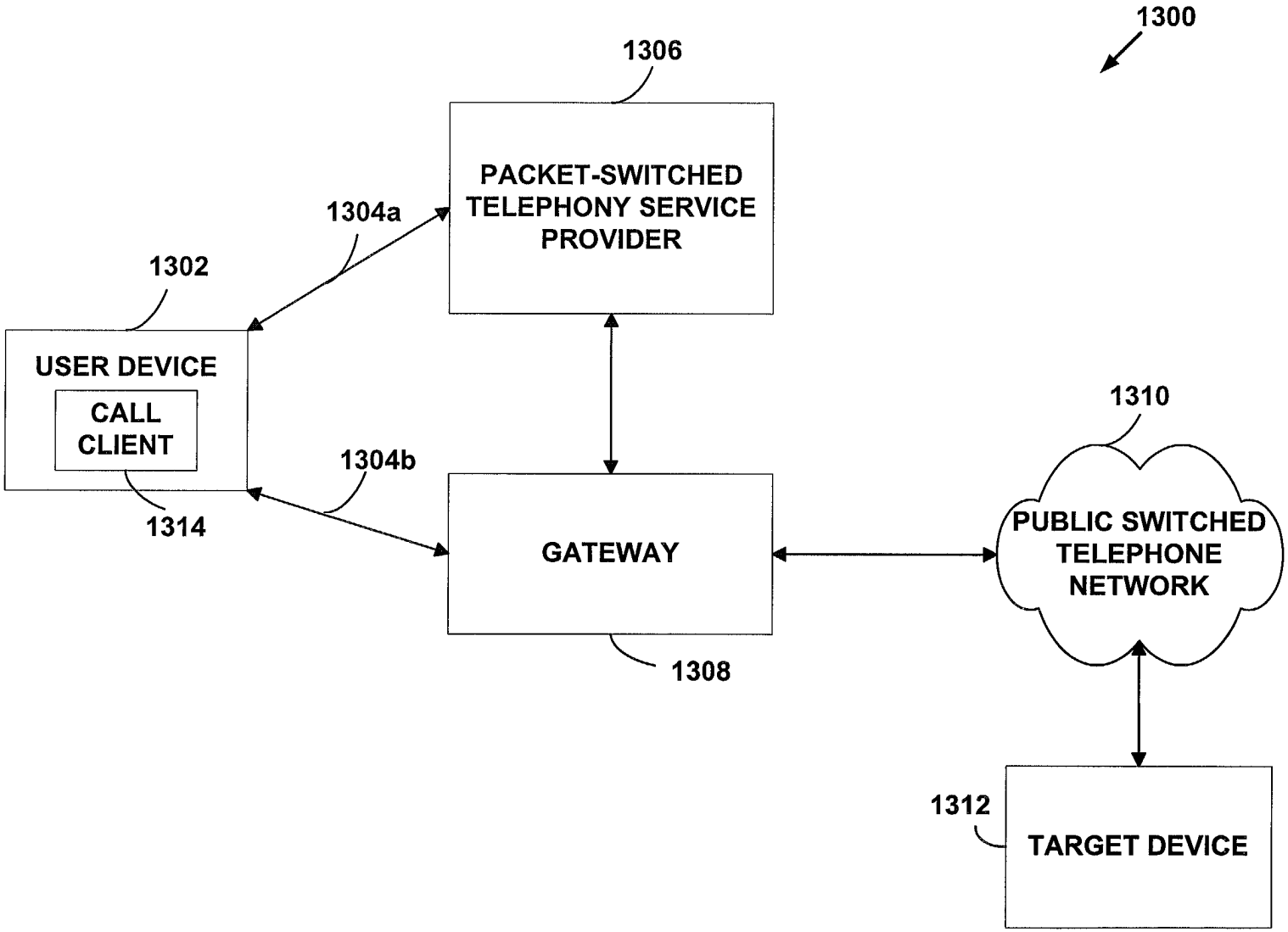


FIGURE 12


202
USER DEVICE
CALL CLIENT
300
400
PACKET-SWITCHED TELEPHONY SERVICE PROVIDER
600
500
FRONT END
502
CALL SERVER DATABASE
LOAD BALANCER
504
CALL SERVER
700
CALL DIRECTOR
702
RULES DATABASE
BRANDING UNIT
704
800
CALL HANDLER
802
CALL MASTER
CALL SLAVE
804
1000
CALL LOGGER
1002
DISPLAY UNIT
CONNECTION DATABASE
1004
1100
PROXY SERVER
1102
REGISTRATION DATABASE
GATEWAY DATABASE
1104
208
GATEWAY

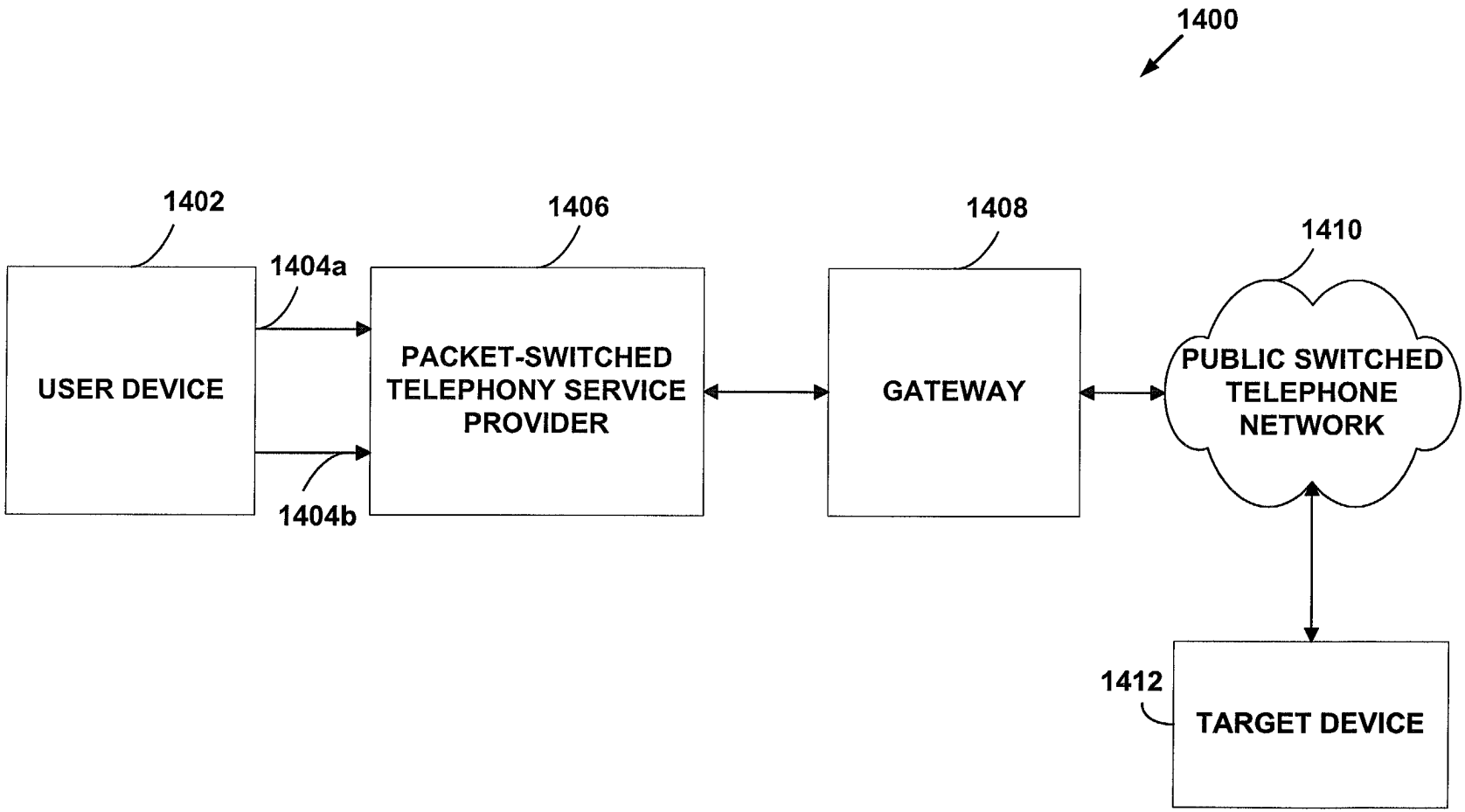
TOTE50"4062/860

FIGURE 13



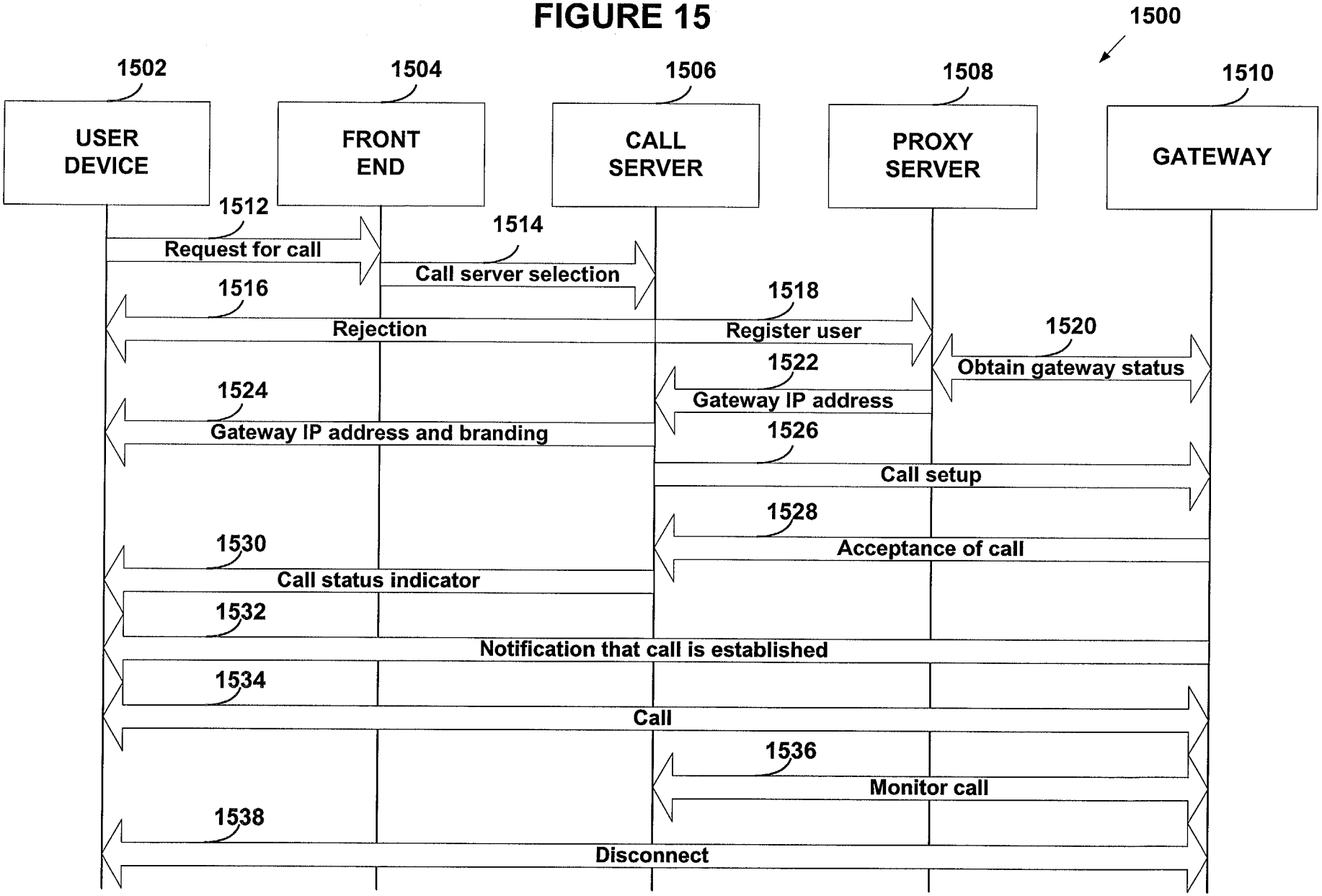
TOTE50 "h0624860

FIGURE 14



TOTE50 "h0624860

FIGURE 15



TOTE50 "+0623860

FIGURE 16

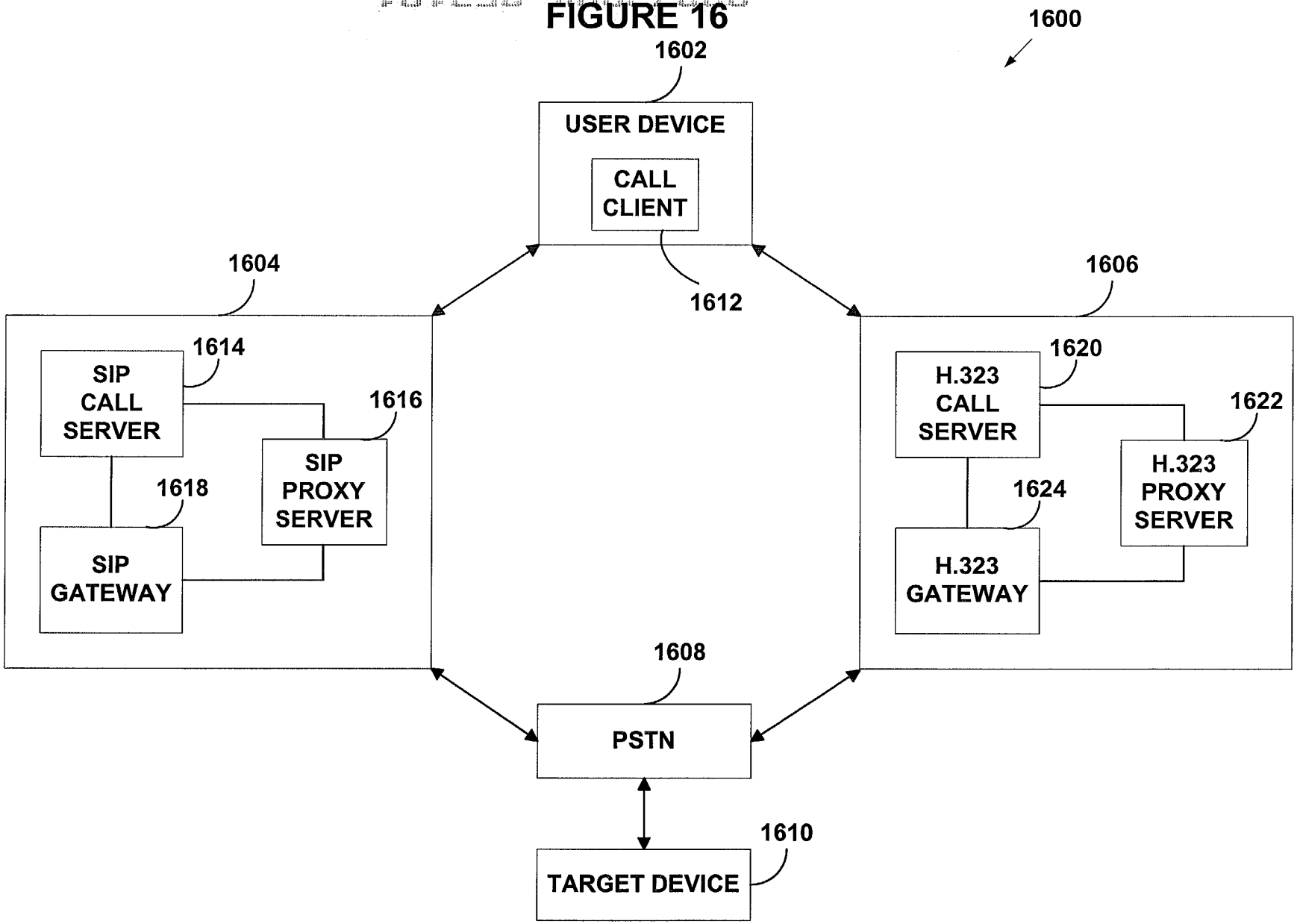


FIGURE 17

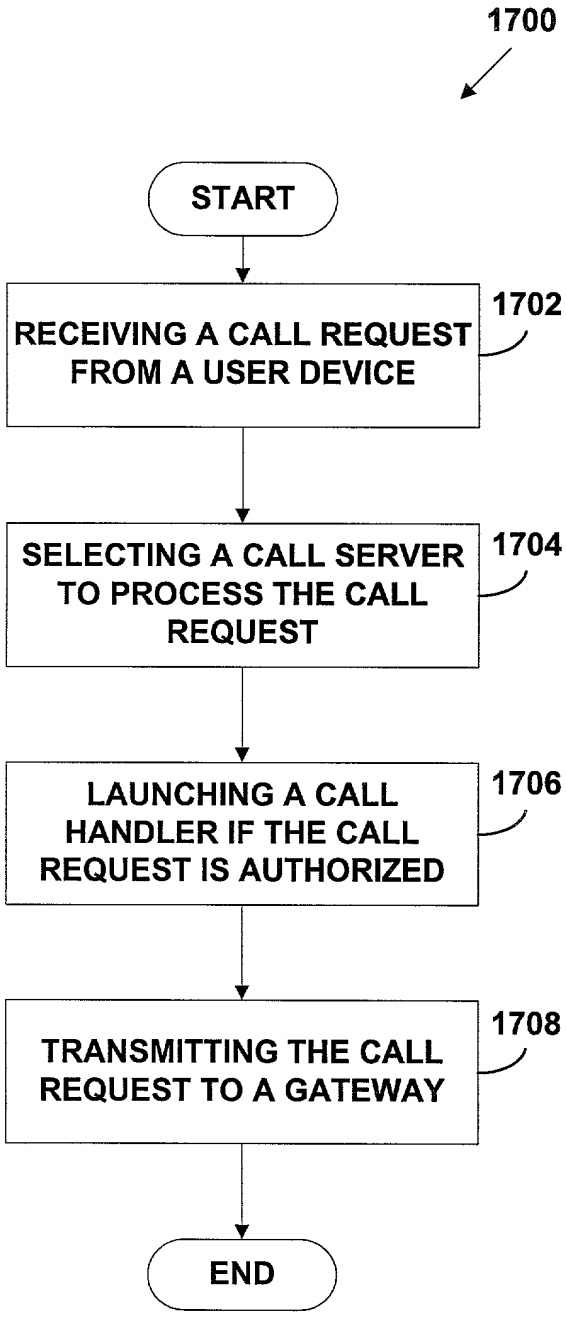

1700
START
RECEIVING A CALL REQUEST FROM A USER DEVICE
1702
SELECTING A CALL SERVER TO PROCESS THE CALL REQUEST
1704
LAUNCHING A CALL HANDLER IF THE CALL REQUEST IS AUTHORIZED
1706
TRANSMITTING THE CALL REQUEST TO A GATEWAY
1708
END

FIGURE 18

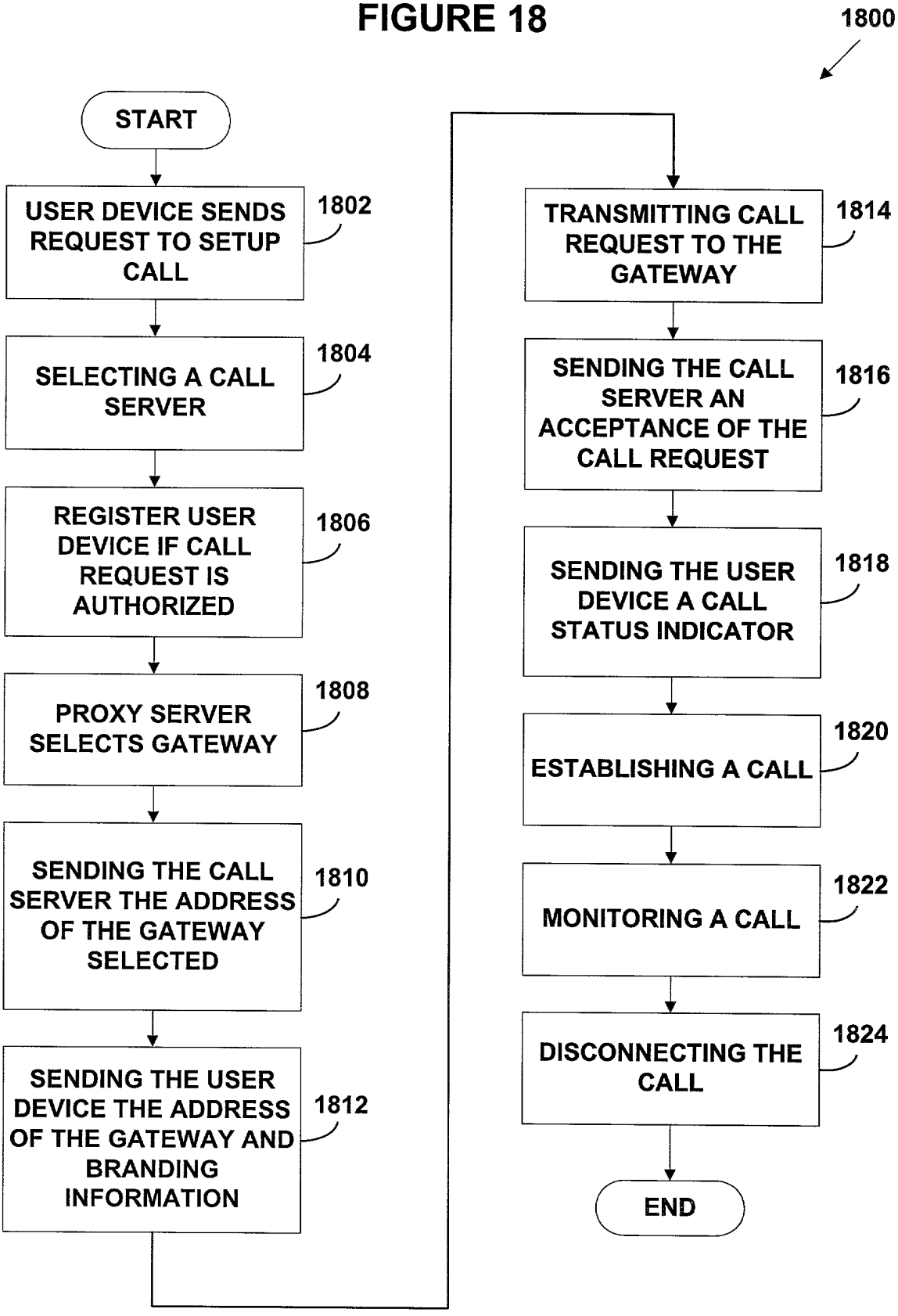

1800
START
USER DEVICE SENDS REQUEST TO SETUP CALL
1802
SELECTING A CALL SERVER
1804
REGISTER USER DEVICE IF CALL REQUEST IS AUTHORIZED
1806
PROXY SERVER SELECTS GATEWAY
1808
SENDING THE CALL SERVER THE ADDRESS OF THE GATEWAY SELECTED
1810
SENDING THE USER DEVICE THE ADDRESS OF THE GATEWAY AND BRANDING INFORMATION
1812
TRANSMITTING CALL REQUEST TO THE GATEWAY
1814
SENDING THE CALL SERVER AN ACCEPTANCE OF THE CALL REQUEST
1816
SENDING THE USER DEVICE A CALL STATUS INDICATOR
1818
ESTABLISHING A CALL
1820
MONITORING A CALL
1822
DISCONNECTING THE CALL
1824
END

FIGURE 19

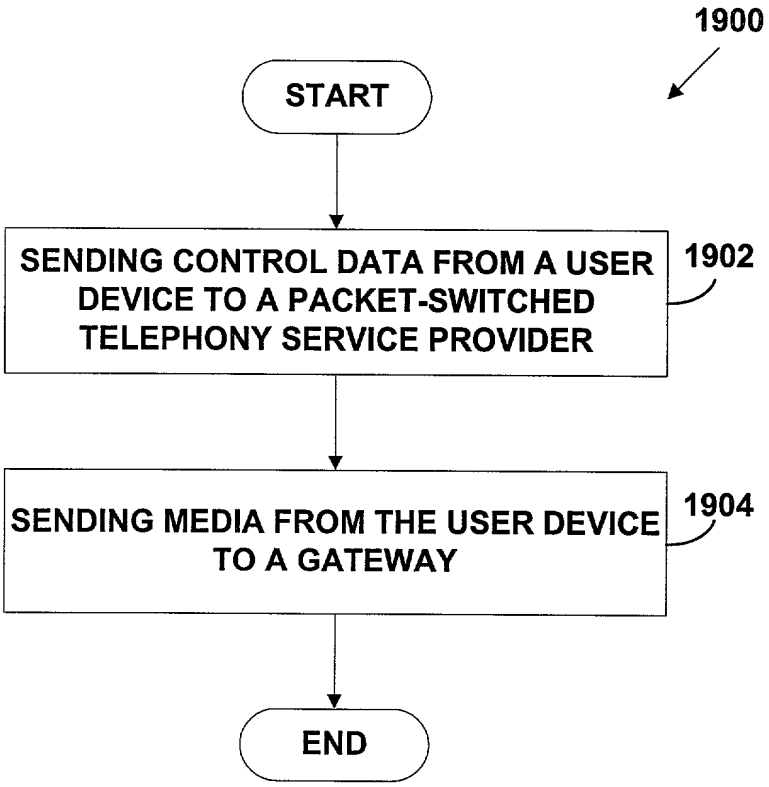
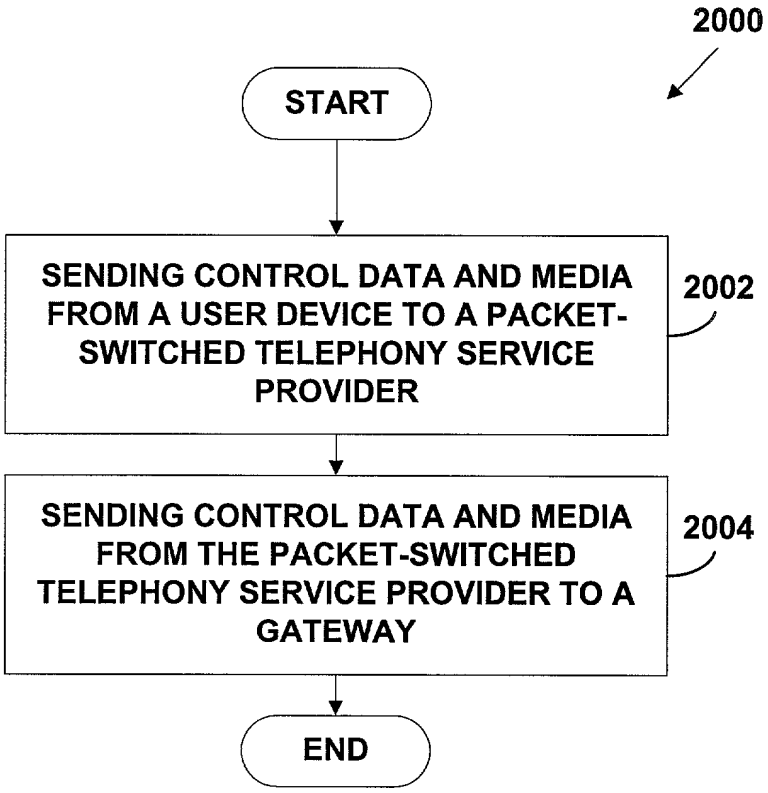

1900
START
SENDING CONTROL DATA FROM A USER DEVICE TO A PACKET-SWITCHED TELEPHONY SERVICE PROVIDER
1902
SENDING MEDIA FROM THE USER DEVICE TO A GATEWAY
1904
END

FIGURE 20



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